

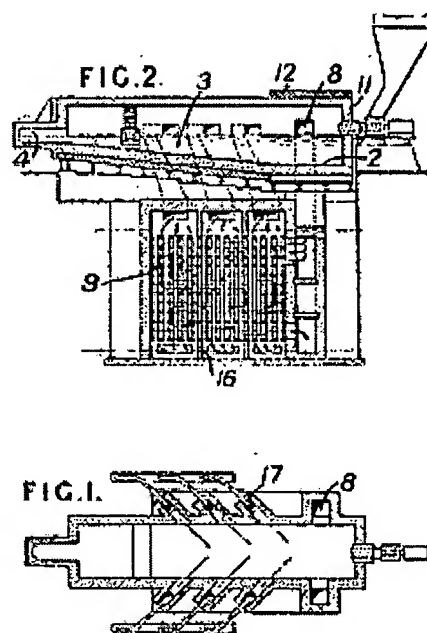
## Improvements in glass melting apparatus

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Inventor:  
Applicant: WILLIAM ALFRED MORTON  
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- International: C03B5/04; C03B5/235; C03B5/00;  
- European: C03B5/04; C03B5/235  
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### Abstract of GB325238

325,238. Morton, W. A. Nov. 12, 1928. Glass furnaces; reverberatory furnaces.-In a tank furnace for melting glass, of the kind in which the feeding of the raw materials and the delivery of the molten glass are effected at opposite ends of the furnace, the hearth is formed to accelerate the flow of glass towards the delivery end, and the burners are arranged to discharge in a direction opposed to the direction of flow of the glass. As shown the hearth is formed with an horizontal portion 2 near the feed end 11, and an inclined portion 3 extending to the delivery trough 4. The burners 17 are inclined to the longitudinal axis of the furnace as shown in Fig. 1, and the outlet ports 8 are spaced from the end wall so that the heating-gases do not pass over the freshly charged material. The walls at the feed end may be lagged with insulating-material 12.



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